

Lesson #2: California Forest Resources

Objectives

Students will be able to...

- Understand information about California Forests.
- Identify tree species and recognize a hard or soft wood based on the physical properties of the tree.

Common Core Standards

Cabinetmaking and Wood Products Pathway

A1.4, A1.7, A2.1, A2.2, A3.1, A2.3, A6.1, A6.2 A3.4, A6.7, A4.1, A5.1, A5.2, & A5.4

Residential and Commercial Pathway D2.1, D2.2, D3.1, D3.3, & D4.1

Reading 11-12.4

Writing 11-12.1

RIST 11-12.2

Problem Solving/Critical Thinking 5.4

Health and Safety 6.2, 6.3, 6.6, & 6.12

Responsibility and Leadership 7.4 & 9.3

Demonstration and Application 11.1

Technical Knowledge and Skills 10.1, 10.2, & 10.3

Materials

California Forest Resources Information Packet (students should already have copy from yesterday's lesson-Lesson #1)

YouTube video <https://www.youtube.com/watch?v=-REVw7qjSoQ>

Piece of Balsa wood

Piece of Hemlock wood

Lesson Sequence

- Finish working on *California Forest Resources Cornell notes and questions*. Review together as a class. (15-20 minutes).
- **Introduce softwoods and hardwoods trees.** Explain to the students that tree species are split into two rather broad categories: Softwoods and Hardwoods. Hold up a piece of Balsa in one hand, and a piece of Hemlock in the other. Tell the students

that one is one softwood and one hardwood. As they are passed around the room, the student's job is to decide which is which and why. When the samples have made it all the way around the room, collect them, and then call on 'volunteers' to tell you which the softwood is, and which is the hardwood and why. (10-15 minutes)

- Watch *YouTube video* <https://www.youtube.com/watch?v=-REVw7qjSoQ> (5 minutes)
- Check for student understanding and answer any questions students may have (5-10 minutes).

Assessment

Use graded student work- California Forest Resources Cornell notes and questions. Check for understanding of how to tell the difference between soft and hard woods through questioning.

Accommodations/Modifications

Check for Understanding
One-on-One Support
Peer Support